Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_

**Summarizing Animations about Eukaryotic Gene Regulation**

AP Biology, Mrs. Krouse

**Directions:** For each of the three animations listed below, view them by clicking on the links given on the Wiki page under the Unit 8 heading. For each animation, draw 1-3 labeled diagrams to summarize the processes shown in the animations. These diagrams do not need to include as much detail as the animation itself! For each animation, summarize the process shown in a bulleted list or paragraph. We will do an example in class.

[McGraw-Hill Animation: Transcription Complex and Enhancers](https://highered.mheducation.com/sites/9834092339/student_view0/chapter16/transcription_complex_and_enhancers.html)  
[McGraw-Hill Animation: How Intracellular Receptors Regulate Transcription](https://highered.mheducation.com/sites/9834092339/student_view0/chapter16/how_intracellular_receptors_regulate_gene_transcription.html)  
[HHMI BioInteractive Animation: RNA Interference](http://www.hhmi.org/biointeractive/rna-interference)

**Class Example:**

|  |  |
| --- | --- |
| Diagram(s) | Written Summary |
|  |  |

**Animation #1 (Transcription Complex and Enhancers)**

|  |  |
| --- | --- |
| Diagram(s) | Written Summary |
|  |  |

**Animation #2 (How Intracellular Receptors Regulate Transcription)**

|  |  |
| --- | --- |
| Diagram(s) | Written Summary |
|  |  |

**Animation #3 (RNA Interference)**

|  |  |
| --- | --- |
| Diagram(s) | Written Summary |
|  |  |